

## CLAIMS

1. An EGR cooler with tubes and a shell surrounding said tubes, coolant water being fed into and discharged from an interior of the shell, exhaust gas being passed through said tubes for heat exchange of said exhaust gas with said coolant water, said EGR cooler comprising an intermediate support plate arranged in said shell and with a plurality of through-holes, mutually adjacent ones of the tubes being grouped to be penetratingly fixed to each of the through-holes, a coolant water passage being ensured between the adjacent tubes grouped and penetratingly fixed to each of the through-holes in the support plate for free communication of the coolant water between the grouped tubes.